

AMENDMENTS TO THE SPECIFICATION:

Please amend paragraph [0005] at page 3 as follows

[0005] Additionally, the hole diameter of the cooling passage is related to the location of the cooling passages in the bucket. More particularly, the locations and diameters of the cooling holes are related to the airfoil profile at various locations along the airfoil span. The airfoil profile is given by X, Y, Z coordinates in Table II below and in a companion U.S. patent application Serial No. 10/616,911, filed July 11, 2003, (~~Attorney Dkt. No. 839-1468~~) (~~GE Dkt. 136386~~) now U.S. Patent No. 6,769,879, the disclosure of which is incorporated herein by reference. By locating the cooling holes within the airfoil profile sections using X and Y coordinate values at Z locations, i.e., 5%, 50% and 90% span, the locations of the cooling passages are identified in the airfoil and relative to the suction and pressure sides of the airfoil.

Please amend paragraph [0023] at page 11 as follows:

[0023] From a review of Figures 6 and 7, it will be appreciated that certain holes define an envelope having an airfoil shape within the airfoil 36. Particularly, holes H3-H11 form a generally airfoil-shaped envelope 50 in Figure 6 at 0% span of the airfoil whereas holes ~~H3-H11~~ H2-H11 form a generally airfoil-shaped envelope 52 at 100% span. From a review of Figures 6 and 7, both envelopes 50 and 52 are defined by holes on opposite sides of mean camber lines 54 and 56, respectively, extending between leading and trailing edges of the airfoil.